D-61　蕃石榴. Guava. Psidium guajava L.

O_3 2.0 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後2天，使用品種：梨拔.

O_3 2.0 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

D-62　蕃石榴. Guava.

照片 D-61 的近照. (葉間水漬狀).

A close view of plate D-61.
(watersoaked appearance)

D-63　蕃石榴. Guava.

照片 D-61 的近照. (葉間水漬狀).

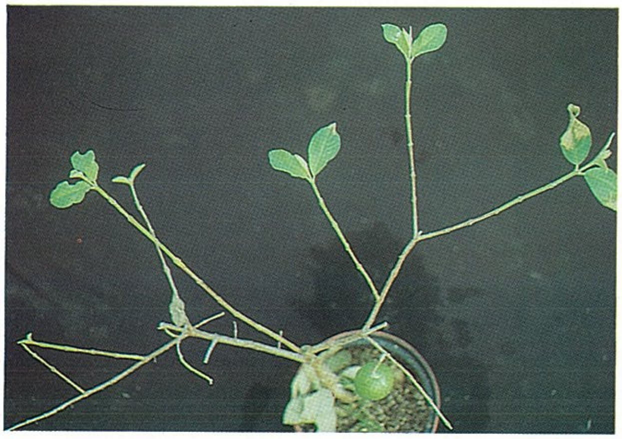
A close view of plate D-61.
(watersoaked appearance)

D-64　蕃石榴. Guava.

照片 D-61 的近照. (葉間水漬狀).

A close view of plate D-61. (watersoaked appearance)

D-65　蕃石榴. Guava.



再觀察照片 D-61. (攝影：處理後 5 天). (褐化乾枯及落葉).

Again a view of plate D-61. (photo: 5 days after fumigation). (necrosis & defoliation).

D-66　蕃石榴. Guava.

照片 D-65 的近照. (未掉落之葉). (如照片所示的葉間乾枯).

A close view of plate D-65. (the remaining leaves). (necrosis as shown in the plate).

D-67 橄欖. Chinese olive. Canarium album Raeusch.

O_3 2.0 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：嚴重乾枯，攝影：處理後2天，使用品種：台灣本地種.

O_3 2.0 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: Severe necrosis, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

D-68 橄欖. Chinese olive.

照片 D-67 的近照. (受害較輕之葉). (徵狀：如照片所示).

A close view of plate D-67. (not severely injured leaves). (symptom:as shown in the plate).

D-69 橄欖. Chinese olive.

再觀察照片 D-67. (攝影：處理後5天). (嚴重乾枯及落葉).

Again a view of plate D-67. (photo: 5 days after fumigation). (Severe necrosis & defoliation).

D-70　蕃荔枝. Sugar apple. Anona squamosa, L.

O_3 0.6 ppm，處理時間：6小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後12小時，使用品種：南洋種.

O_3 0.6 ppm, fumigation period: 6 hrs. (day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: 12 hrs after fumigation, cultivar used is written in the Chinese section.

D-71　蕃荔枝. Sugar apple.

照片 D-70 的近照. (徵狀：如照片所示).

A close view of plate D-70. (symptom:as shown in the plate).

D-72　蕃荔枝. Sugar apple.

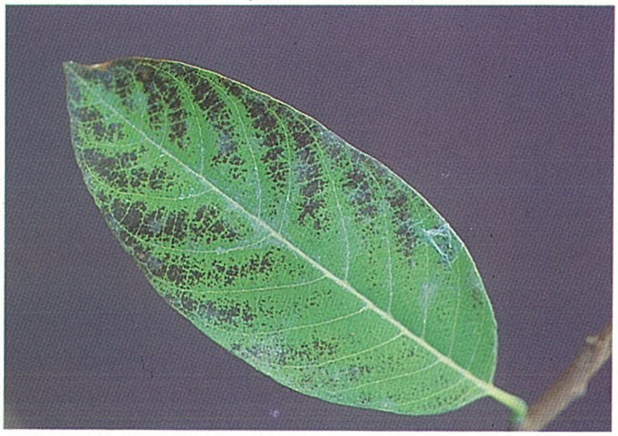
照片 D-70 的近照. (徵狀：如照片所示).

A close view of plate D-70. (symptom:as shown in the plate).

D-73　蕃荔枝. Sugar apple.

再觀察照片 D-70. (攝影：處理後 2.5天). (嚴重受害及落葉).

Again a view of plate D-70. (photo: 2.5 days after fumigation). (Severe injury & defoliation).



D-74　蕃荔枝. Sugar apple.

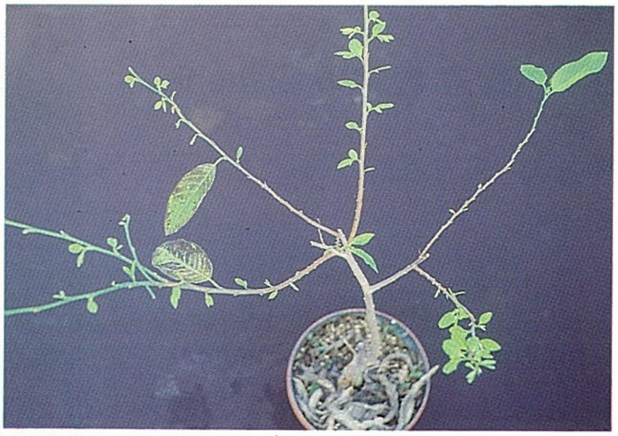
照片 D-73 的近照. (未掉落之葉). (徵狀：如照片所示).

A close view of plate D-73. (the remaining leaves). (symptom: as shown in the plate).

D-75　蕃荔枝. Sugar apple.

再觀察照片 D-70. (攝影：處理後 12.5天). (嚴重受害及落葉).

Again a view of plate D-70. (photo: 12.5 days after fumigation). (Severe injury & defoliation).



D-76 蕃荔枝. Sugar apple.

照片 D-75 的近照.(未掉落之葉).
(徵狀：如照片所示).

A close view of plate D-75. (the remaining leaves). (symptom:as shown in the plate).

D-77 馬拉巴栗. Malabar chestnut. Pachira macrocarpa Schlecht.

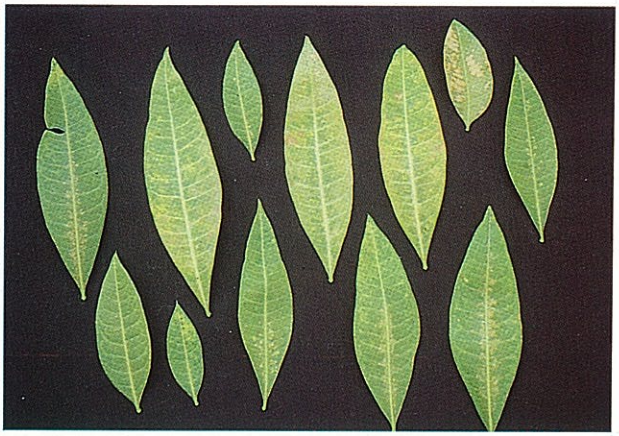
O_3 0.5 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後立即拍照，使用品種：適合台灣栽培品系.

O_3 0.5 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: immediately after fumigation, cultivar used is written in the Chinese section.

D-78 馬拉巴栗. Malabar chestnut.

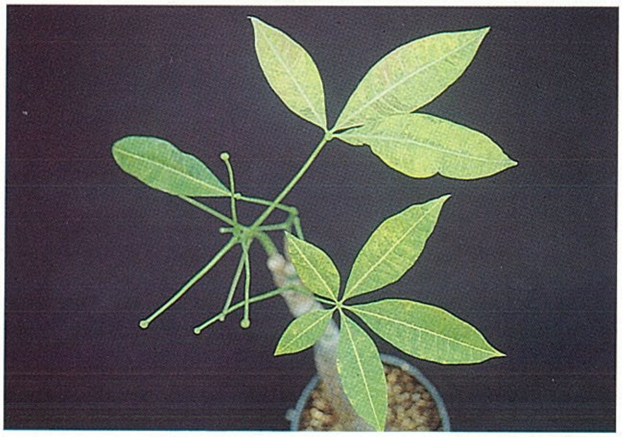
再觀察照片 D-77.(攝影：處理後3天).(徵狀：如照片所示及落葉).
Again a view of plate D-77.
(photo: 3 days after fumigation).
(symptom:as shown in the plate & defoliation).

D-79　馬拉巴栗. Malabar chestnut.



照片 D-78 的近照. (落葉近照). (徵狀：如照片所示).

A close view of plate D-78. (fallen leaves). (symptom:as shown in the plate).



D-80　馬拉巴栗. Malabar chestnut.

照片 D-78 的近照. (徵狀：如照片所示).

A close view of plate D-78. (symptom:as shown in the plate).

D-81　馬拉巴栗. Malabar chestnut.

照片 D-80 的近照. (徵狀：如照片所示).

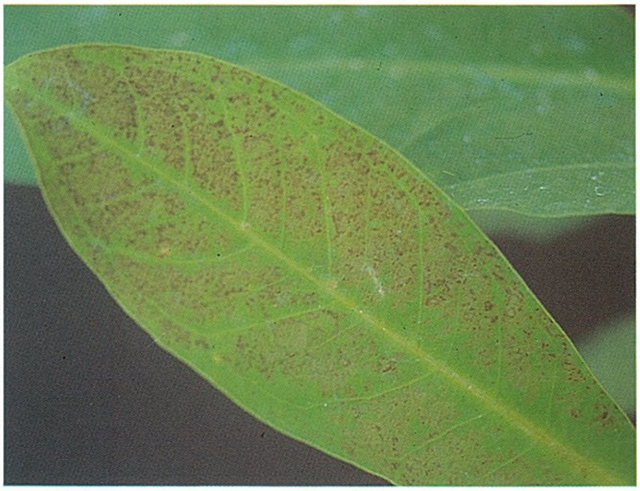
A close view of plate D-80. (symptom:as shown in the plate).

D-82　馬拉巴栗. Malabar chestnut.

照片 D-80 的近照. (徵狀：如照片所示).

A close view of plate D-80. (symptom:as shown in the plate).

D-83　蓮霧. Wax apple. Syzygium samarangense Merr. et Perry.



O_3 0.82ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後1天，使用品種：黑珍珠.

O_3 0.82ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: 1 day after fumigation, cultivar used is written in the Chinese section.

D-84　蓮霧. Wax apple.

再觀察照片 D-83. (攝影：處理後7天). (徵狀：如照片所示).

Again a view of plate D-83. (photo: 7 days after fumigation). (symptom:as shown in the plate).

D-85　芒果. Mango. Mangifera indica L.

O_3 0.85ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後1天，使用品種：愛文.

O_3 0.85ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: 1 day after fumigation, cultivar used is written in the Chinese section.

D-86　芒果. Mango.

再觀察照片 D-85. (攝影：處理後3天). (徵狀：如照片所示).

Again a view of plate D-85. (photo: 3 days after fumigation). (symptom:as shown in the plate).

D-87　芒果. Mango.

再觀察照片 D-85. (攝影：處理後9天). (徵狀：如照片所示).

Again a view of plate D-85. (photo: 9 days after fumigation). (symptom:as shown in the plate).

D-88　芒果. Mango.

O_3 2.5 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後 1天，使用品種：愛文.

O_3 2.5 ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: 1 day after fumigation, cultivar used is written in the Chinese ection.

D-89　芒果. Mango.

再觀察照片 D-88. (攝影：處理後3天). (徵狀：如照片所示的葉間乾枯).

Again a view of plate D-88. (photo: 3 days after fumigation). (symptom: necrosis as shown in the plate).

D-90　芒果．Mango.

再觀察照片 D-88.（攝影：處理後12天).（徵狀：如照片所示的葉間乾枯).

Again a view of plate D-88. (photo: 12 days after fumigation). (symptom: necrosis as shown in the plate).

D-91　檳榔．Betel palm. Areca cathecu L.

O_3 4.0 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80%，光度7000lux，徵狀：如照片所示，攝影：處理後2天，使用品種：短仔.

O_3 4.0 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80%, light 7000 lux, symptom: as shown in the plate, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

D-92　檳榔．Betel palm.

再觀察照片 D-91.（攝影：處理後13天).（徵狀：如照片所示).

Again a view of plate D-91. (photo: 13 days after fumigation). (symptom:as shown in the plate).

D-93　酪梨. Avocado. Persea americana Mill.

O_3 0.6 ppm，處理時間：6小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後12小時，使用品種：西印度.

O_3 0.6 ppm, fumigation period: 6 hrs. (day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: 12 hrs after fumigation, cultivar used is written in the Chinese section.

D-94　酪梨. Avocado.

再觀察照片 D-93. (攝影：處理後2.5天). (徵狀：如照片所示).

Again a view of plate D-93. (photo: 2.5 days after fumigation). (symptom:as shown in the plate).

D-95　酪梨. Avocado.

再觀察照片 D-93. (攝影：處理後12.5天). (徵狀：如照片所示).

Again a view of plate D-93.

(photo: 12.5 days after fumigation).

(symptom:as shown in the plate).

D-96　波羅蜜. Jack fruit. Artocarpus heterophyllus Lam.

O_3 0.25ppm，處理時間：6小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後1.5天，使用品種：適合台灣栽培品系.

O_3 0.25ppm, fumigation period: 6 hrs.(day/night), fumigation condition: temp. 25 ／ 20 ℃ (day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: 1.5 days after fumigation, cultivar used is written in the Chinese section.

D-97　波羅蜜. Jack fruit.

再觀察照片 D-96. (攝影：處理後 8天). (徵狀：如照片所示).

Again a view of plate D-96. (photo: 8 days after fumigation). (symptom:as shown in the plate).

D-98　波羅蜜. Jack fruit.

O_3 2.5 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後1天，使用品種：適合台灣栽培品系.

O_3 2.5 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: 1 day after fumigation, cultivar used is written in the Chinese section.

D-99　波羅蜜. Jack fruit.

照片 D-98 的近照. (徵狀：如照片所示).

A close view of plate D-98. (symptom:as shown in the plate).

D-100　波羅蜜. Jack fruit.

再觀察照片 D-98. (攝影：處理後3天). (葉面乾枯褐化及落葉).

Again a view of plate D-98. (photo: 3 days after fumigation). (necrosis & defoliation).

D-101　波羅蜜. Jack fruit.

照片 D-100 的近照. (徵狀：如照片所示).

A close view of plate D-100. (symptom:as shown in the plate).

D-102　波羅蜜. Jack fruit.

再觀察照片 D-98. (攝影：處理後12天). (嚴重乾枯及落葉).

Again a view of plate D-98. (photo: 12 days after fumigation). (Severe necrosis & defoliation).

D-103　錫蘭橄欖. Ceylon olive. Elaeocartus Serratus L.

O_3 0.85ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後1天，使用品種：適合台灣栽培品系.

O_3 0.85ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: 1 day after fumigation, cultivar used is written in the Chinese section.

D-104 錫蘭橄欖. Ceylon olive.

照片 D-103 的近照. (徵狀：如照片所示).

A close view of plate D-103. (symptom:as shown in the plate).

D-105 錫蘭橄欖. Ceylon olive.

照片 D-103 的近照. (徵狀：如照片所示).

A close view of plate D-103. (symptom:as shown in the plate).

D-106 錫蘭橄欖. Ceylon olive.

再觀察照片 D-103. (攝影：處理後 9天). (徵狀：如照片所示).

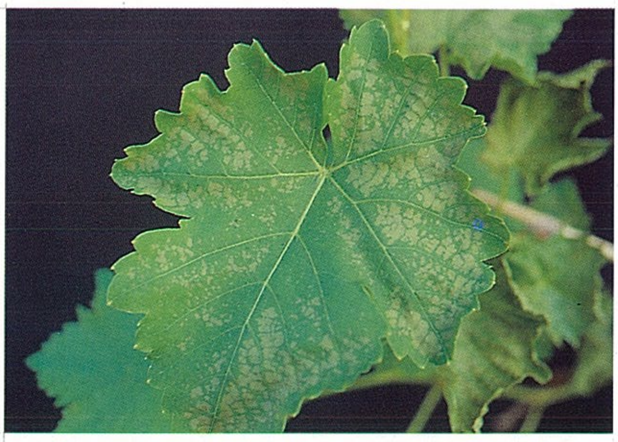
Again a view of plate D-103. (photo: 9 days after fumigation). (symptom:as shown in the plate).

D-107　錫蘭橄欖. Ceylon olive.

照片 D-106 的近照. (徵狀：如照片所示).

A close view of plate D-106. (symptom:as shown in the plate).

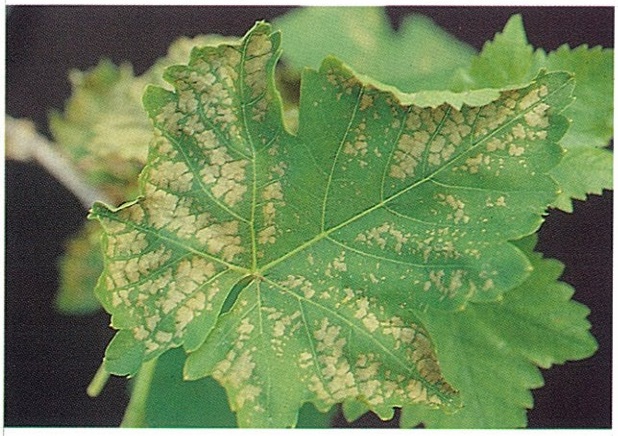
D-108　葡萄. Grape. Vitis vinifera L.



O_3 0.25ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80%，光度7000lux，徵狀：葉間水漬狀，攝影：處理後立即拍照，使用品種：Italia 65.

O_3 0.25ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80%, light 7000 lux, symptom: watersoaked appearance, photo: immediately after fumigation, cultivar used is written in the Chinese section.

D-109　葡萄. Grape.



再觀察照片 D-108. (攝影：處理後2天). (如照片所示的葉間乾枯).
Again a view of plate D-108. (photo: 2 days after fumigation). (necrosis as shown in the plate).

D-110　葡萄. Grape.

照片 D-109 的另一角度攝影.(如照片所示的葉間乾枯).

Another view of plate D-109. (necrosis as shown in the plate).

D-111　葡萄. Grape.

再觀察照片 D-108.(攝影：處理後9天).(如照片所示的葉間乾枯).

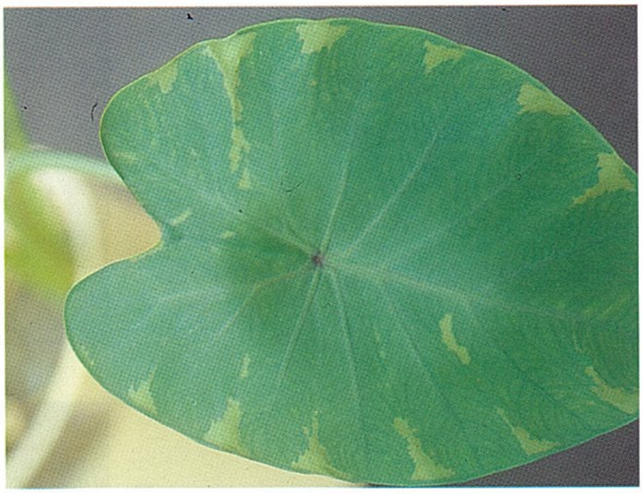
Again a view of plate D-108. (photo: 9 days after fumigation). (necrosis as shown in the plate).

D-112　草梅. Strawberry. Fragaria ananassa Duch.

O_3 0.21 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後6天，使用品種：金香.

O_3 0.21 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20 ℃ (day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 6 days after fumigation, cultivar used is written in the Chinese section.

D-113　芋．Taro. Colocasia esculenta schott.



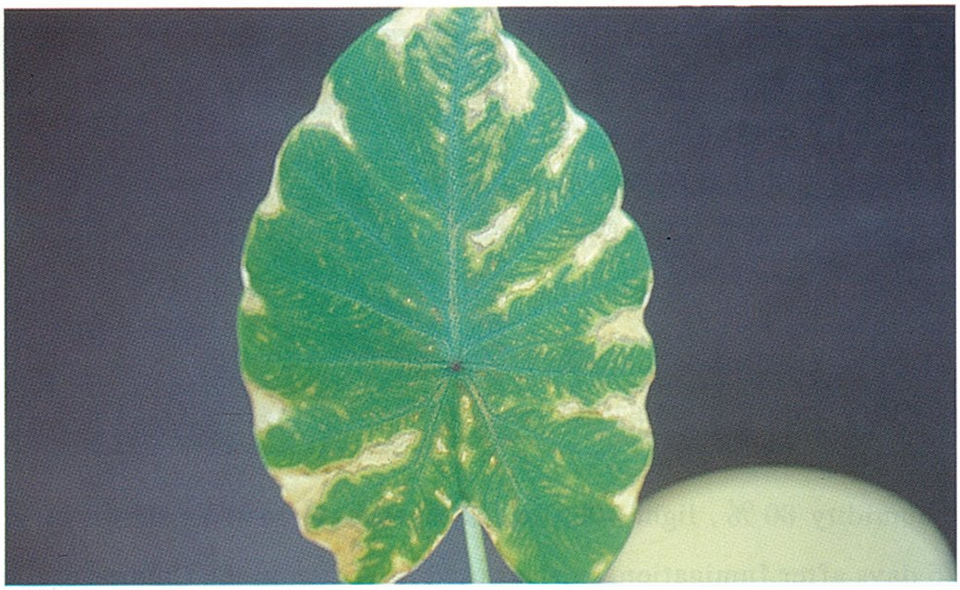
O_3 0.3 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後立即拍照，使用品種：水芋.

O_3 0.3 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: immediately after fumigation, cultivar used is written in the Chinese section.

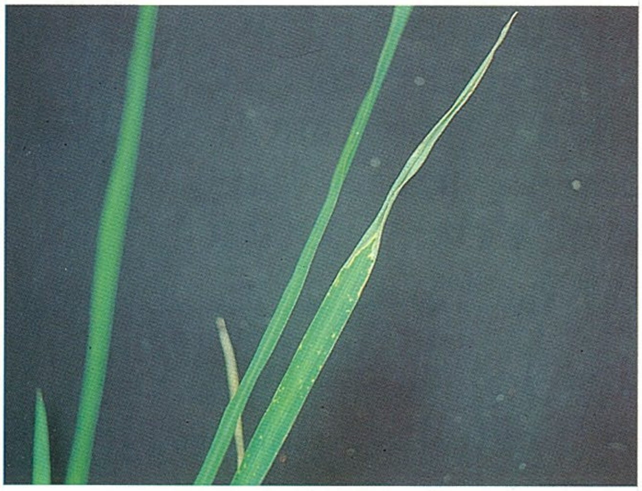
D-114　芋．Taro.

再觀察照片 D-113. (攝影：處理後 7天). (如照片所示的葉間乾枯).

Again a view of plate D-113. (photo: 7 days after fumigation). (necrosis as shown in the plate).



D-115　茭白．Water bamboo. Zizania aquatica L.



O_3 0.47ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示的葉間乾枯，攝影：處理後 4天，使用品種：青殼.

O_3 0.47ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: necrosis as shown in the plate, photo: 4 days after fumigation, cultivar used is written in the Chinese section.

D-116　茭白．Water bamboo.

照片 D-115 的另一角度攝影. (如照片所示的葉間乾枯).
Another view of plate D-115. (necrosis as shown in the plate).

D-117　馬鈴薯．Potato. Solanum tuberosum L.

O_3 0.38ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後1天，使用品種：大葉種.

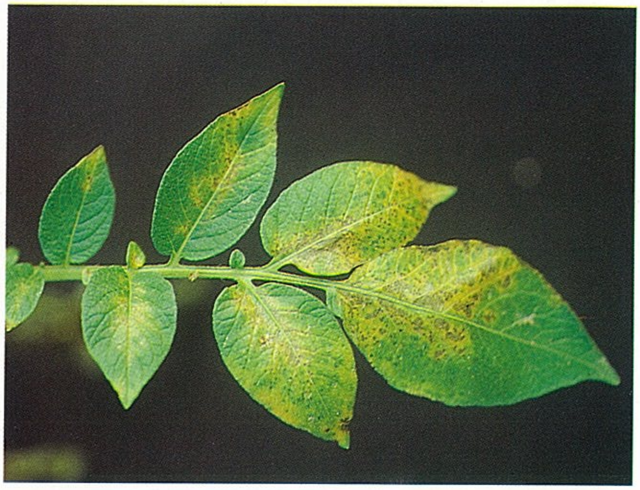
O_3 0.38ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: 1 day after fumigation, cultivar used is written in the Chinese section.

D-118　馬鈴薯．Potato.

再觀察照片 D-117. (攝影：處理後 8天). (徵狀：如照片所示).

Again a view of plate D-117. (photo: 8 days after fumigation). (symptom:as shown in the plate).

D-119　馬鈴薯. Potato.



O_3 0.3 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：如照片所示，攝影：處理後2天，使用品種：大葉種.

O_3 0.3 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: as shown in the plate, photo: 2 days after fumigation, cultivar used is written in the Chinese section.

D-120　馬鈴薯. Potato.

O_3 0.5 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後立即拍照，使用品種：大葉種.

O_3 0.5 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: immediately after fumigation, cultivar used is written in the Chinese section.

D-121 馬鈴薯. Potato.

再觀察照片 D-120. (攝影：處理後3天). (如照片所示的葉間乾枯).

Again a view of plate D-120. (photo: 3 days after fumigation). (necrosis as shown in the plate).

D-122 甘藍. Cabbage. Brassica oleracea var. capitata L.

O_3 0.9 ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後立即拍照，使用品種：初秋.

O_3 0.9 ppm, fumigation period: 24 hrs. (day/night), fumigation condition: temp. 25／20℃ (day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: immediately after fumigation, cultivar used is written in the Chinese section.

D-123 甘藍. Cabbage.

照片 D-122 的近照. (葉間水漬狀).

A close view of plate D-122. (watersoaked appearance).

D-124　甘藍. Cabbage.

再觀察照片 D-122. (攝影：處理後 6天). (如照片所示的葉間乾枯).

Again a view of plate D-122. (photo: 6 days after fumigation). (necrosis as shown in the plate).

D-125 不結球白菜. Non-heading Chinese cabbage. Brassica sp.

O_3 0.58ppm，處理時間：24小時(日／夜)，處理時條件：溫度25／20℃(日／夜)，溼度80％，光度7000lux，徵狀：葉間水漬狀，攝影：處理後立即拍照，使用品種：黃金白菜.

O_3 0.58ppm, fumigation period: 24 hrs.(day/night), fumigation condition: temp. 25／20℃(day/night), humidity 80％, light 7000 lux, symptom: watersoaked appearance, photo: immediately after fumigation, cultivar used is written in the Chinese section.

D-126　不結球白菜. Non-heading Chinese cabbage.

再觀察照片 D-126. (攝影：處理後 1天). (徵狀：如照片所示).

Again a view of plate D-126. (photo: 1 day after fumigation). (symptom:as shown in the plate).